

AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A data storage device comprising:

storage means, installed in a housing, for storing predetermined confidential data;

data generation means comprising two electrodes disposed on said housing for

generating data representing a deflection of said housing in which said storage means is

installed;

detection means for detecting a physical impact applied to said housing in accordance with the data generated by said data generation means;

measure means for a measuring a temperature in said housing in which said storage means is installed; and

correction means for correcting the data generated by said data generation means in accordance with the temperature measured by said measure means,

wherein said detection means detects the physical impact applied to said housing in accordance with the data representing the deflection after the correction by said correction means.

Claim 2. (Currently amended) A data storage device comprising:

storage means, installed in a housing, for storing predetermined confidential data;

data generation means comprising two electrodes disposed on said housing for

generating data representing a deflection of said housing in which said storage means is

installed;

detection means for detecting a physical impact applied to said housing by specifying the deflection of said housing in accordance with the data generated by said data generation means;

data cancel means for canceling the confidential data stored in said storage means when said detection means detects physical impact applied to said housing;

wherein said data representing deflection of said housing represents a change of capacitance between the two electrodes that are disposed on said housing;

measure means for measuring a temperature in said housing in which said storage means is installed; and

correction means for correcting the data generated by said data generation means in accordance with the temperature measured by said measure means,

wherein said detection means detects the physical impact applied to said housing in accordance with the data representing the deflection after the correction by said correction means.

Claims 3-4. (Canceled).

Claim 5. (Currently amended) A data storage device comprising:

a memory, installed in a housing having predetermined shape, for storing predetermined confidential data;

a plurality of electrodes disposed on, ~~arranged in~~ said housing in which said memory is installed, for generating a predetermined capacitance; and

a detection processor for detecting a deflection of physical impact applied to said housing in accordance with a shift of degrees of the capacitance between said electrodes;

a thermo-sensor which measures ~~measure~~ a temperature in said housing in which said memory ~~in is~~ installed; and

a correction processor which corrects the shift of degrees of the capacitance between

said electrodes in accordance with the temperature measured by said thermo-sensor, wherein said detection processor detects the physical impact applied to said housing in accordance with the deflection of said housing after the correction by said correction processor.

Claim 6. (Currently amended) A data storage device comprising:

a memory, installed in a housing having a predetermined shape which stores, for storing predetermined confidential data;

a plurality of electrodes disposed on said housing in which said memory is installed, for generating which generates a predetermined capacitance;

a detection processor which specifies a deflection of said housing in accordance with a shift of degrees of the capacitance between said electrodes to detect a physical impact applied to said housing; and

a data canceller canceler which cancels the confidential data stored in said memory when said detection processor detects the physical impact applied to said housing;

a thermo-sensor which measure measures a temperature in said housing in which said memory is in installed; and

a correction processor which corrects the shift of degrees of the capacitance between said electrodes in accordance with the temperature measured by said thermo-sensor, wherein said detection processor detects the physical impact applied to said housing in accordance with the deflection of said housing after the correction by said correction processor;

generating data representing deflection of a housing in which a storage device for storing predetermined confidential data is installed; and

—detecting physical impact applied to said housing in accordance with the data generated by said generating data.

—wherein said data representing deflection of said housing represents a change of capacitance between two electrodes that are disposed on said housing.

Claims 7-9. (Canceled).

Claim 10. (Previously presented) A detection method comprising:
generating data representing a deflection of a housing in which a storage device for storing predetermined confidential data is installed;

measuring a temperature in said housing in which said storage device is installed;
correcting the data generated by said generating data in accordance with the measured temperature; and

detecting a physical impact applied to said housing by specifying the deflection of said housing in accordance with the data representing the deflection of said housing after correction by said correcting data,

wherein said data representing the deflection of said housing represents a change of capacitance between two electrodes that are disposed on said housing.

Claim 11. (Canceled).

Claim 12. (Previously presented) A detection method comprising:
measuring a capacitance between a plurality of electrodes disposed on a housing in which a memory for storing predetermined confidential data is installed;

measuring a temperature in said housing in which said memory is installed;
correcting the measured capacitance in accordance with the measured temperature;
and
detecting a physical impact applied to said housing by specifying a deflection of said
housing in accordance with a shift of degrees of the capacitance after the correction.

Claim 13. (Currently amended) A data storage device comprising:

a data storage in a housing;
a plurality of electrodes disposed on said housing; and
a processor that determines a deflection of said housing based upon a capacitance
between the plurality of electrodes;
wherein the data storage stores confidential data; and
wherein said processor controls said data storage to erase said confidential data when
the determined deflection exceeds a predetermined range.

Claim 14. (Previously presented) The device of claim 13, further comprising:

a temperature sensor that sends a temperature signal to said processor.

Claim 15. (Previously presented) The device of claim 14, wherein said processor adjusts
the determined deflection based upon said temperature signal.

Claims 16-19. (Canceled).

Claim 20. (Previously presented) The device of claim 13, wherein said processor determines said deflection based upon a change in capacitance between two of the plurality of electrodes.

Claims 21-26. (Canceled).